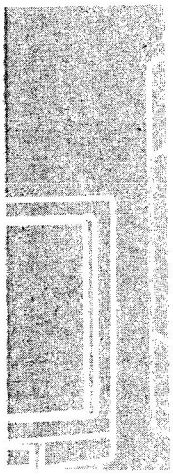
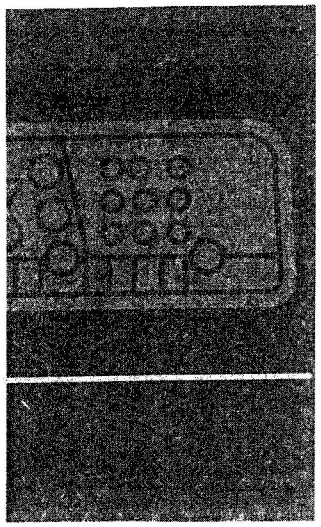
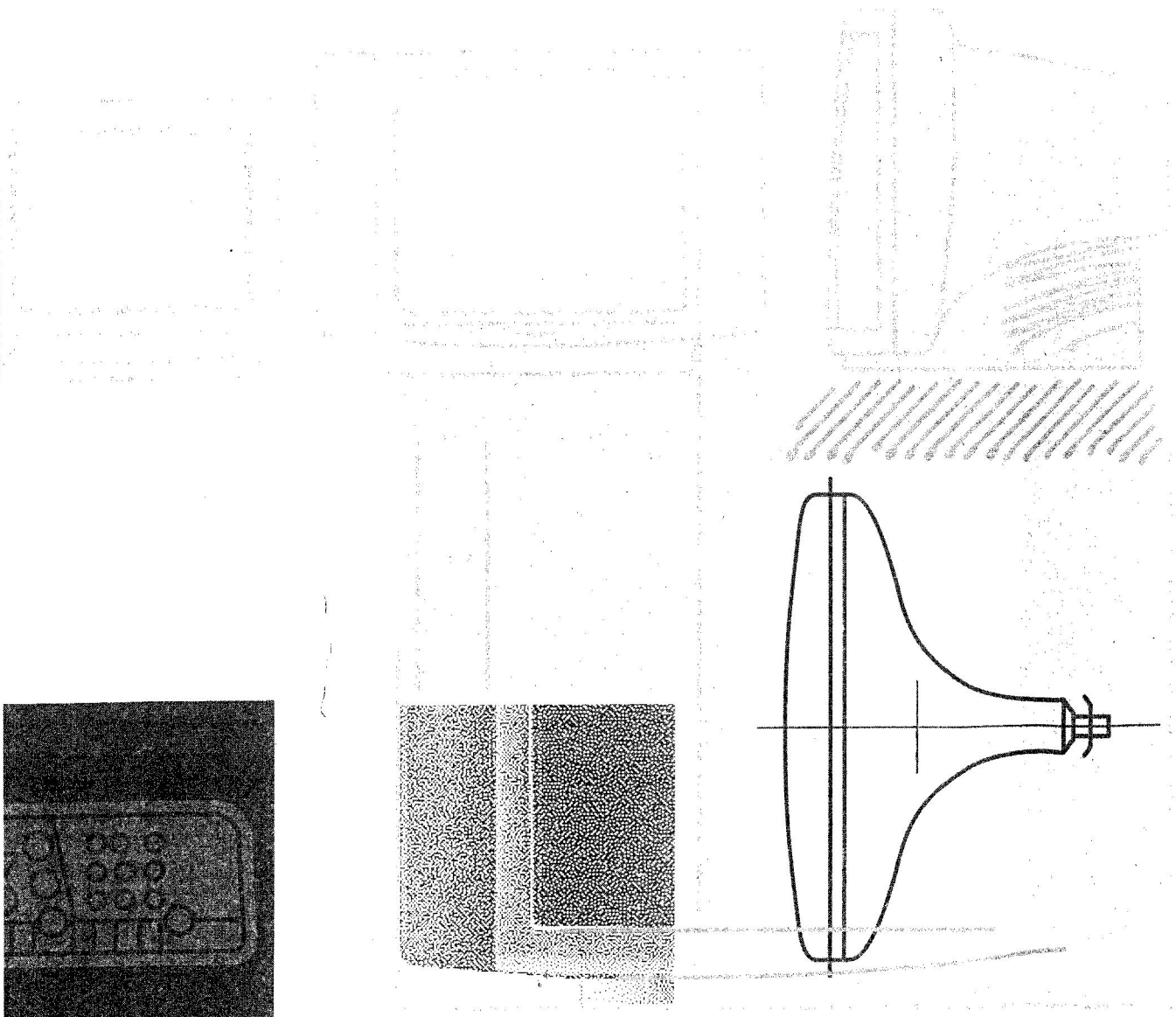
GRUNDIG

COLOR TELEVISION







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Warning

In case this appliance is supplied with a Safety Standard Approved mains lead fitted with a non-rewireable 13 Amp mains plug which, if unsuitable for your socket, should be cut off and an appropriate plug fitted by a qualified electrician. The fuse and fuse holder must be removed from the plug as accidental insertion of the redundant plug into a 13 Amp socket is likely to cause an electrical hazard.

Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

If it is necessary to change the fuse in the non-rewireable plug, the correct type and rating (5 Amp ASTA or BSI approved BS 1362) must be used and the fuse cover must be refitted. If the fuse cover is lost or damaged the lead and plug must not be used until a replacement is obtained. Replacement fuse covers should be obtained from your dealer.

If a non-rewireable plug or a rewireable 13 Amp (BS 1363) plug is used, it must be fitted with a 5 Amp ASTA or BSI approved BS 1362 fuse. If any other type of plug is used it must be protected by a 5 Amp fuse either in the plug or at the distribution board.

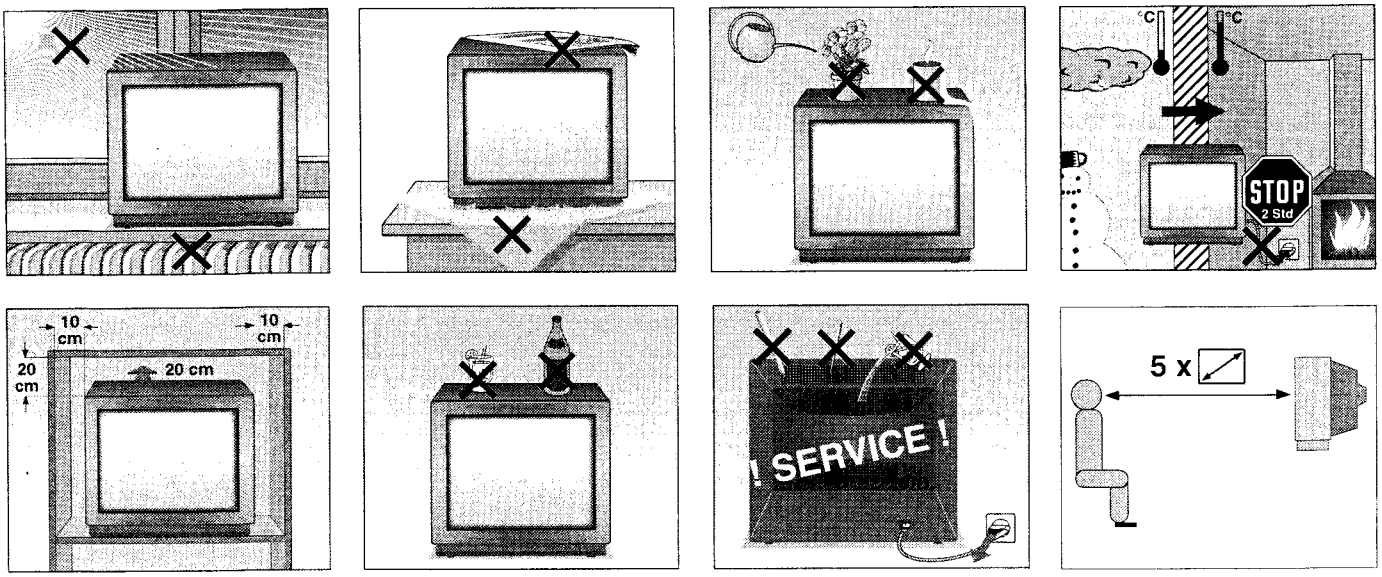
Important:
The wires in the mains lead are coloured in accordance with the following code:

BLUE – NEUTRAL
BROWN – LIVE

As the colours of the wires in the mains lead of your appliance may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows:
Connect the BLUE coloured wire to plug terminal marked with the letter "N" or coloured black.
Connect the BROWN coloured wire to the plug terminal marked with a letter "L" or coloured red.
In no circumstance must any of the wires be connected to the terminal marked with a letter "E", earth symbol ⏚ , coloured green or green and yellow.

A replacement mains lead can be obtained from your dealer.

Notes on Setting up and Safety



Even if your television is switched off, it can still be damaged by a lightening strike in the power supply and/or aerial cables.
For this reason, you should always disconnect your television from the mains as well as the aerial cable during thunder storms.

The ideal viewing distance is five times the diagonal width of the screen. See the illustration!

Connections and Operating Features on the Unit

① Mains switch for switching on and off.

② Volume setting buttons.

③ Programme selection buttons.

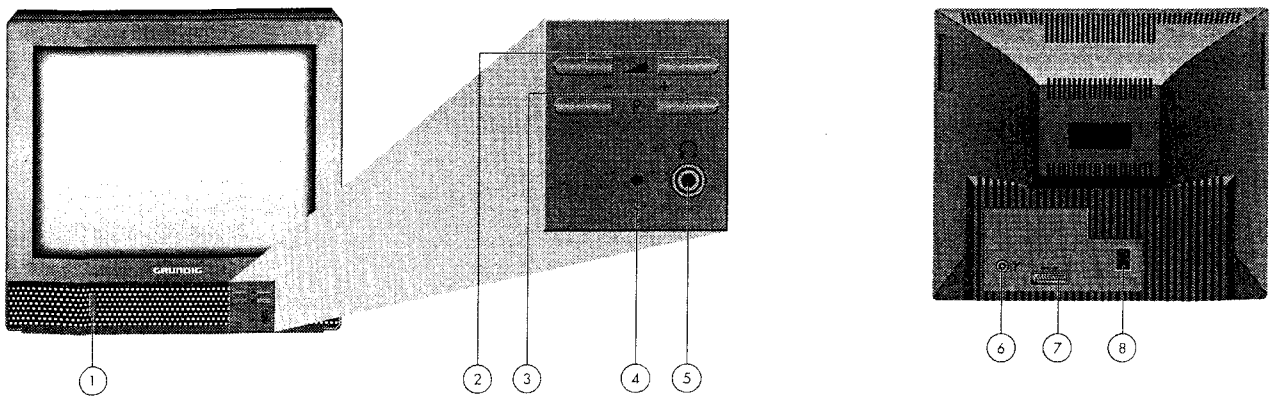
④ Stand by – is indicated by an illuminated dot in the display.

⑤ Headphone socket, ø3.5mm – automatically switches off the integrated loudspeakers.

⑥ Aerial socket 75 Ω, coaxial, DIN 45325 IEC 169-2.

⑦ EURO-AV socket, universal connection, DIN EN 50049 e.g. video and RGB connection possible.

⑧ Power supply



The Remote Control

①...⓪ ⓪AV Channel selection and switching on the television from stand by, or Selection of AV position

Individually switch channels, forward (1, 2, 3 ...)

Individually switch channels, reverse (...3, 2, 1)

»or«

Cursor movement up, and down

OK Changing and activating various functions.

Volume adjustment

»or«

Move cursor to the left, to the right

Sound ON/OFF (mute)

Switch to stand by

Brightness

Contrast

Teletext mode ↔ TV mode

To enter the menu. When menu appears, press the OK button

Time on/off

SAT Satellite receiver remote control (keep SAT button depressed)

VIDEO Video recorder remote control (keep VIDEO button depressed)

The remote control is the central control unit for your television set.

All operating functions and basic settings can be carried out with the remote control.

Insert the battery supplied. Note the markings inside the battery compartment! Close the cover.

When the battery is dead, "**BATTERY TELEPILOT**" appears on the screen.

Change weak batteries in good time. We cannot assume liability for damage resulting from battery leakage.

Switching On and Off

Switch the television on with the mains switch ①.

Channel position 1 is automatically selected. On the screen P1 and the station identification ARD are briefly displayed.

During television breaks you can switch your television to the stand-by mode by pressing the ⏻ button.

Approximately ten minutes after the end of broadcasts or if broadcasting is interrupted (if no test pattern is being broadcast), the television automatically switches to stand-by.

Use the P+ button to turn on the television when it is in stand-by mode.

If your television is out of use for a longer period of time (e.g. at night), turn it off with the power switch ①.

This contributes to the reduction of environmental pollution by reducing power consumption.

Channel Selection

Select the programme with the number buttons, or with button P+ or P-.
By keeping one of the buttons (P+ or P-) depressed, the channel position and the station identification are scrolled at high speed.
After releasing the button, the television switches to the channel you have selected.

Assigning Channel Positions

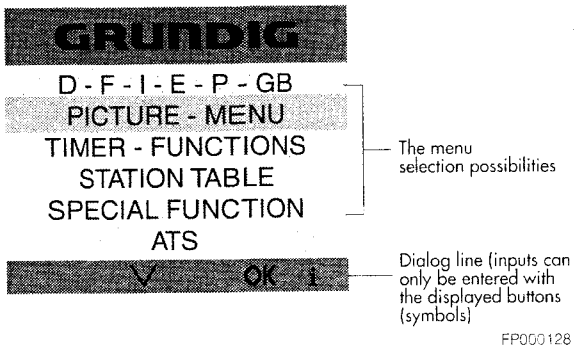
Language Selection

You can choose between a number of languages for the dialogue with your television set.

If you wish to change the language, you should do so before proceeding.

Press the ⓘ button, and then the OK button.
The MENU appears.

You can leave the menu by pressing the ⓘ button.



Select the first line of the menu by pressing P+.
- The menu line - with the country code - is highlighted in bright blue.

Press the OK button.
- Language selection is activated.
  The selected country code appears in red.

Press the ◀ or ▶ button to select the desired language.
- All subsequent information which appears on the screen will be in the language you have selected.

Press the OK button.
- The country code of the desired language is now stored and is displayed in yellow.

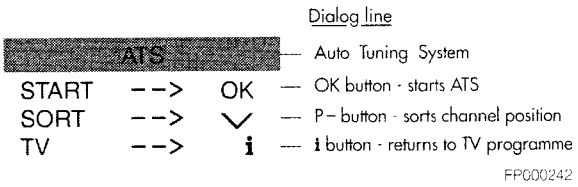
You can switch to the next setting from this page; refer to Chapter
"Assigning Channel Positions for Television Channels".

Assigning Channel Positions for Television Channels

Television stations broadcast programmes on different channels. For example, Dillberg station broadcasts ARD (the 1st state channel in Germany) on channel 6.
The channels must be assigned to the channel positions of your television.
It is only necessary to make these settings once, when you set up your television for the first time, or if reception conditions change (for example, if you move to another location, or if you are subsequently connected to a cable television source).

By pressing the P+ button, select the ATS line from the menu and press OK to confirm.

The ATS page appears.



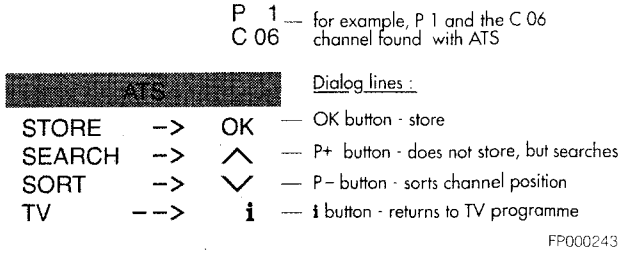
Starting ATS

Press the OK button,
ATS starts and the channel search begins at C01 and stops wherever a station is broadcasting, regardless of the reception picture quality.
Channel position P1 is automatically selected.

Storing channels

Only store the channel numbers of those channels with good picture quality. To do so, press the OK button.

If you find a channel with poor picture quality, restart the automatic channel search by pressing the P- button.

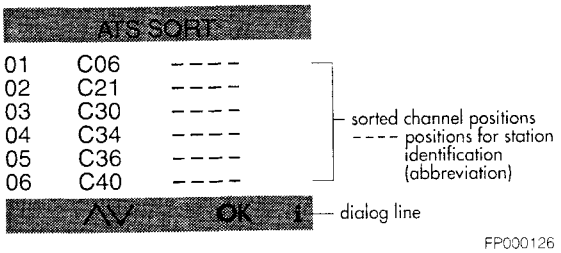

P 1
C 06
for example, P 1 and the C 06 channel found with ATS
ATS
Dialog lines :
STORE -> OK
OK button - store
SEARCH -> ∧
P+ button - does not store, but searches
SORT -> ∨
P – button - sorts channel position
TV --> i
i button - returns to TV programme
FP000243

- Once the channel number is stored, channel position P2 is automatically called up. The channel search continues until the next channel is found. In this way you can store all further channels.

Assigning Channel Positions

Changing the sequence of the channels

You can sort the channels as you desire and, for example, store the channel you view the most often as position P1.
If you have exited ATS, please call it up again.



FP000126

Please note the dialog lines. Inputs are possible with the button symbols displayed.

Press ▲ or ▼ and select the channel position you want to move (the line is highlighted in red).

Press the OK button, (the line is highlighted in yellow), and you can now move the channel position data. Proceed as follows:

Press ▲ or ▼ and move the channel position data to the new channel position you desire(for example, P1 = 01).

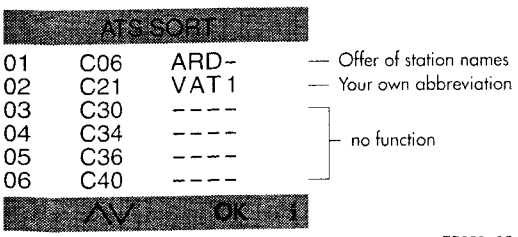
Continue to press the OK button until all the channel location data change from yellow to red. The data are stored

Entering station identification

A station's identification abbreviation makes if easier for you to find a channel. You can enter a station identification abbreviation as desired.

You can also take advantage of the pre-programmed station identification abbreviations which your television offers as a special service.

ARD	EURO	NED2	RAI2	SRG	TVE2
ARTE	FILM	NED3	RAI3	SR3	VERK
BBC	F2	NRK	RTL4	SUPE	WDR3
BRT1	HR3	N3	RTL	SVT2	ZDF
BRT2	ITB	ODR3	RTP1	SWF3	1PLU
BR3	LIFE	ORF1	RTP2	TF1	3SAT
CANP	MDR	ORF2	SAT1	TV4	----
CNN	MTV	PRO7	SDR3	TV5	
DSF	NED1	RAI1	SPOR	TVE1	



FP000127

Using ▲ or ▼, select the channel position in which you want to enter a new identification abbreviation or wish to change.

Press the OK button (the line is highlighted in yellow).

Press the OK button again.
(The channel number is red and the four input places for the station identification abbreviation are highlighted in yellow).

Press ▲ or ▼ ; the first abbreviation appears.

Press ▲ or ▼ until you find the correct abbreviation (when the button is kept depressed, it goes throught the list in order).

Press the OK button (the entire line is highlighted in red), the line is stored.

If the list of abbreviations does not contain an abbreviation you desire, you can enter your own abbreviation.
Four places per channel position (i.e. letters/numbers) are available for your own station identification abbreviation.
These places can be occupied by any combination of letters (A-Z), numbers (0-9), or blank spaces (----).

Select a channel position with ▲ or ▼.

Press the OK button (line is highlighted in yellow).

Press the OK button again (the channel is highlighted in red).

Use ▲ or ▼ to search for the dashes (----).

Press the OK button. (The first input place is highlighted in red).

Call up the desired letter or number with ▲ or ▼.

Select the next place with the ▶ button and repeat this procedure until the abbreviation is complete.

Press the OK button (the entire line is highlighted in red), the channel position data are now stored.

Switch back to the TV channel by pressing the i button. By briefly pressing the i button you can call up or cancel the channel display.

Assigning Channel Positions

Assigning Channel Positions by Entering Channel Numbers Directly

This is only of use when you are familiar with the channel numbers of the channels.

> If you used the ATS channel search to assign channel posi-tions, it is not necessary to follow this procedure.

Calling up the menu

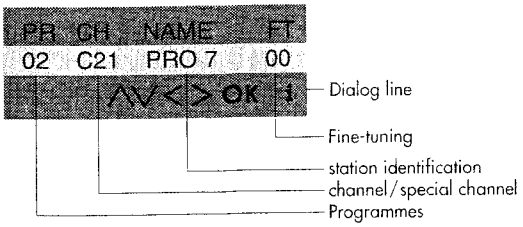
Press ⓘ.
MENU → OK appears.

While this is still visible, press the OK button;
the MENU appears.

Selecting a channel position

Select the fourth menu line with ▽.
– The menu line – STATION TABLE – is highlighted in bright blue.

Press the OK button.
– The data of the current channel position appears.
– The active position is shown in red.



Select channel position with △ or ▽.

Entering the channel number

Press the ⊕ button.
– You can now switch between a channel and a special channel by proceeding as follows:

Press the △ or ▽ button.
– **S** (= special channel) is displayed.
– Pressing the △ or ▽ button once more switches back to **C** (**C** = channel).

Press the ⊕ button.

Enter the **two-place** number with the numeric buttons.
– If you want to make no further inputs (for instance, station identification, fine-tuning (FT), etc.), proceed as follows:

Press the OK button (store).

Setting the channel number can also be done step-by-step with the △ and ▽ buttons. If you keep the △ or ▽ button depressed, channel search will start. Channel search stops at every channel you are able to receive.

Entering station identification

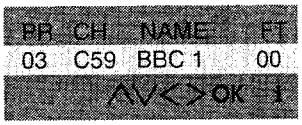
– Each channel position can be assigned a four-place station identification name. This name can consist of any combination of letters, numbers or symbols (for example, empty space "–" for spacing between the letters or numbers).

Press the ⊕ button.
– This selects the first place of the station identification.

Press either △ or ▽ (△ up from 0-9, A-Z, ▽ down from Z-A, 9-0, space) until the desired symbols appears.

Press the ⊕ button.
You thus select the next entry position.
Repeat this procedure until the desired station identification has been entered.

– If no other inputs are required, (for example, fine-tuning), press the OK button.
– The channel number and station identification are now stored.



FP00013C

Fine tuning the picture (FT)

The television set is automatically adjusted to the best possible picture quality. In difficult reception conditions it may be necessary to adjust the picture by manual fine tuning.

Press the ⊖ button until the numbers beneath **FT** are shown in green.

Press the △ or ▽ button to select the best picture and sound quality. A value between +63 and –64 can be selected.

Press the OK button to store the changed values.
– After storing, the channel data of the next channel position are shown.

Press the ⓘ button to return to TV mode.

Timer Function

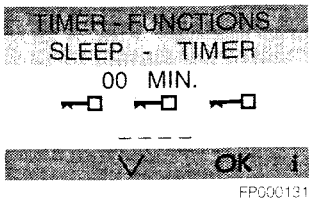
Sleep Timer

When the **Sleep Timer** is set, the television automatically switches to stand-by mode after a preselected period of 10 to 90 minutes.

Call up the menu.

Press the P button to select the menu item "TIMER-FUNCTIONS."

Press the OK button; the "TIMER-FUNCTIONS" menu appears.



FP000131

Press the OK button.

Use the P button to enter the desired value (10 minute intervals).

Store with the OK button. The main menu appears.
– After the set time has elapsed, the television switches to stand-by.
– Entering "00 MIN." interrupts the count-down sequence.

Press the i button to return to TV mode.

Programme Lock

The programme lock prevents unauthorized persons from switching the set on.

Call up the menu.

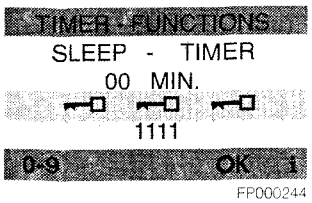
Press the P button to select the menu item "TIMER-FUNCTIONS."

Press the OK button; the "TIMER-FUNCTIONS" menu appears.

Press the P button; this selects the menu line ⊸ ⊸ ⊸ .

Press the OK button.

Enter the four-place code with the numeric buttons 0...9 (for example, 1111).



FP000244

Press the OK button.

– Your identification code is saved. The main menu appears.

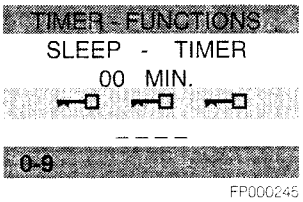
Press the i button to return to TV mode.

Memorize your personal identification code!

If you should forget your personal identification code, refer to the key (✉) on the last page (of the cover).

Clearing the programme lock

If the television is switched on while the programme lock is activated, the following appears:



FP000245

This prompts you to enter your personal identification code.

Enter the code with the numeric buttons 0...9.
– The television automatically switches to TV mode.

Deleting the program lock

Call up the menu.

Press the P button to select the menu item "TIMER-FUNCTIONS."

Press the OK button; the "TIMER-FUNCTIONS" menu appears.

Press the P button; this selects the menu line ⊸ ⊸ ⊸ .

Press the OK button.

Enter the stored four-place number with the buttons 0...9 (for example, 1111).
– The code is deleted.

Special Functions

Connecting a Descrambler (Decoder) or an External Unit (Video Recorder)

Certain television station which broadcast via cable or satellite receiver scramble their programmes, meaning that the sound and picture signals your television receives are purposely distorted. You can unscramble such transmissions with a decoder.

Procedure:

Connect your descrambler/video recorder to the EURO-AV-socket 7.

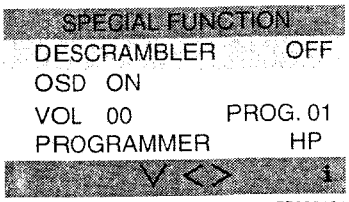
Descrambler:
Select a scrambled channel position.

Video recorder:
Select the programme position you want your video recorder to play back on.

Call up the menu.

Press the P button to select the menu line – SPECIAL FUNCTIONS –.

Press the OK button.
– The menu – SPECIAL FUNCTIONS – appears.



FP000134

Press the ◀ or ▶ button.
– This switches to DESCRAMBLER ON.

Pressing the ◀ or ▶ button switches back to DESCRAMBLER OFF.

Pressing the i button switches back to the TV mode.

– Display on the screen P7 PREM

Turning scale display On and Off

In the menu line – **OSD ON** –, you can choose between OSD ON and OSD OFF.

OSD ON: The scale display for volume and station identification is shown.

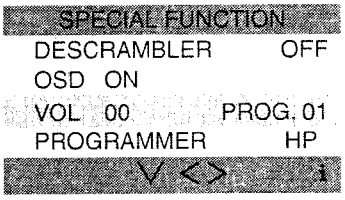
OSD OFF: The scale display for volume and station identification is not shown.

Changing the Volume of a Channel Position

If you receive a programme whose volume deviates from other channels (too loud or low), this volume can be adjusted as follows.

Call up the special functions menu.

Use the P button to select the menu line – VOL 00 PROG. 01 –.



FP000136

Use ◀ or ▶ to change the volume. Only the volume of the channel currently being viewed (e.g. PROG. 01) is changed.
Use the i button to switch back to the TV mode.

Programmer HP

The menu line – **PROGRAMMER HP** – serves to automatically programme the television set.
Only an authorized dealer can access the **IR DATA-PROGRAMMER**.

Picture Correction

All picture settings can be adjusted to your individual desires.

If you want to change picture values, press the - or + side of the rocker switch as long as required for

Color contrast −◑+

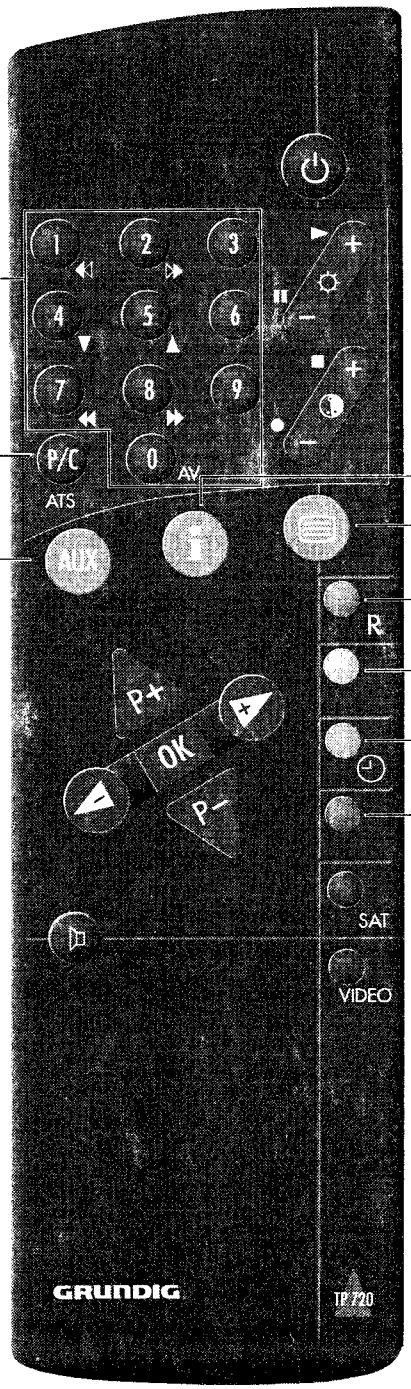
Brightness −○+

If you want to change **black-white contrast:**

Call up the menu.

Press the OK button.
The PICTURE MENU is displayed.
Select contrast with button P.
Asjust the contrast with the ◀ or ▶ button.
– Each setting is displayed by highlighted bars on the screen.

Teletext Mode – Short Description



①...⓪ Page selection

P/C Display the most previously viewed page.

Call up dialog line with AUX

To call up the following:

↑	X	/00	?	STOP
Increase character size	Bypass waiting time	Direct call up subpage	Give answer	Page STOP

Select functions with ◀ or ▶ button

Call up with OK button

ⓘ Calls up overview page

Teletext mode ↔ TV mode

○ (blue) switches to the next block

○ (yellow) switches to the next group with overrun to the next block.

○ (green) switches to the next page with overrun to the next group.

○ (red) scroll back

Fastext (Flof)

The colored buttons are for the topics listed in the dialogue lines.

Teletext Mode

General

Additional information that is broadcast at the same time as a TV programme from a TV station is called teletext.

You can make this information visible on your screen with the teletext decoder that is built into your television.

Teletext is transmitted in the form of texts and graphic representations, or sub-titles for a TV programme.

Subtitles aid persons with hearing disabilities.

With the help of information pages and dialogue lines, your TV set makes teletext easy to use. The indications given in the dialogue lines denote the different functions and the buttons provided for them.

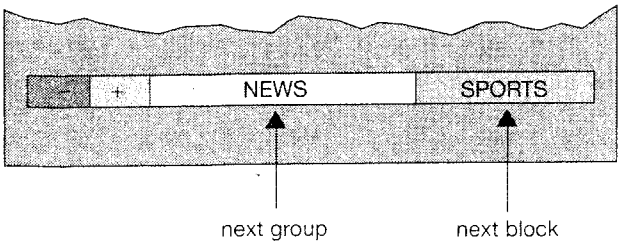
TOP-FLOF teletext

TOP and FLOF are two new innovations that allow quick and easy selection of teletext pages.

TOP and FLOF make it possible to select telext pages without knowing their page numbers. All teletext pages are broadcast arranged by topics - also called blocks - similar to a filing cabinet.

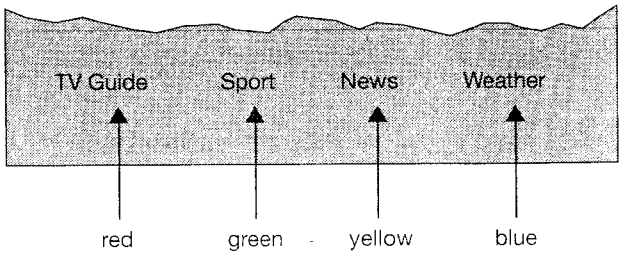
For example, all news items are listed under "Current Topics". Other topics include the blocks "Sports", "TV Programmes" and "Services" These blocks are then normally divided further, for example, "Current Topics" is divided into politics, economics and culture. The normal pages are located within these groups.

The on-screen user guide makes using TOP and FLOF easy. A comment line in different colours is shown at the bottom of the screen. These colours are the same as the ones on the remote control. During TOP mode, the yellow field indicates the next group in the current block. The blue field indicates the next block.



To switch from block to block, use the blue button, from group to group, the yellow button, and to scroll forward, use the green button. To return to the previous page of a group or block, press the red button.

In FLOF mode, the topics are displayed in colour. Use the correspondingly coloured buttons of the remote control to go to the displayed topics.



TOP and FLOF take you quickly, easiliy, and reliably to the teletext page you want.
If no TOP or FLOF teletext is broadcast from the TV station, a red bar will appear with a - and a green bar with a + in the dialogue line.

Note

If the aerial signal is not perfect, for example, if it fades away, teletext pages may also display disturbances. If you cannot improve the signal with the fine-tuning function of the TV set, have your aerial system checked.

Important

The TV station needs additional information for the teletext mode. This is why it is necessary to wait after switching the TV on or changing the channel until the TOP decoder has read this information in its memory and the information is available.

With the ▤ button, you can directly return to normal TV mode.

Please observe the user guide displayed on the bottom of the picture screen.

Teletext Mode

Operation

Select the TV programme whose teletext pages you wish to call up by pressing the numeric buttons ①...⓪ .

Switching teletext on/off

Press the ▤ button on the remote control handset.

The overview page 100 or the last viewed teletext page appears on the screen.

Press the ▤ button to switch teletext off.

Language group selection

You can choose from three language groups for "communicating" with your television.
Press ▤ to switch on teletext; press ⓘ and keep depressed until the following appears on the bottom line of the teletext screen:

West + CZ, SQ EAST WEST + TR

West + CZ, SQ, which is highlighted in blue, is preset at the factory.

Select the desired language group with ◀ or ▶ .
The language groups comprise the following countries:

West + CZ, SQ	EAST	WEST + TR
GB /	PO /	GB /
D / NL / B /	D / NL / B /	D / NL / B /
S / N,DK / SF / H /	S /N,DK / SF / H /	S /N,DK / SF / H /
I / F / E / IS /	I / F / YU /	I / F / E / IS /
CS /	CS / RO /	TR / GB /

Save with OK .

TOP mode

A red, green, yellow, and blue field is shown at the bottom of the screen. Buttons of the same colour are found on the remote control.

To scroll backward, press the ❍ (red) button.

To scroll forward to the next available page (with overrun to the next group), press the ❍ (green) button.

To switch to the next group, press the ❍ (yellow) button. After the last group in the selected block, you come automatically to the next block (overrun).

To switch from block to block, press the ❍ (blue) button.

Calling up pages

Enter the number of the desired page with the numeric buttons ①...⓪ as three digits.

– The page number is indicated at the bottom edge of the picture screen and the page appears after a few seconds.

Programme preview

You can switch directly to the programme preview of the station you are currently viewing.

Press the ⓘ button.
Page 100 (overview) appears.

Press the ⓘ button again.
The programme preview block appears.

Press the ⓘ button again.
Page 100 (overview) re-appears.

In FLOF mode, this function takes you to the overview page chosen by the TV station.

Multiple pages/page stop

Several subpages can be combined under a single page number.These are then automatically scrolled at an interval determined by the TV station. This is indicated by a symbol under the time, for example, 3/6 means that you are viewing page 3 of 6 subpages.

If you want to view a subpage for a longer time, press the AUX button.
The dialogue line is displayed.

Select the STOP symbol with the ◀ or ▶ button.

Press the OK button.
"STOP" appears at the top of the screen. The contents of the page shown are kept on the screen and are no longer updated or switched to other subpages.

Press the OK button.
The STOP function is cancelled and the current subpage appears.

Teletext Mode

Calling up a subpage directly

Press the AUX button (the dialogue line appears).

Select the /00 symbol with the ◀ or ▶ button.

Press the OK button.
The selected page number, e.g., S155/---- appears in the info line.

Enter the four-place subpage number that you want to call up with the numeric buttons, for example, the second page, sequence 0002. The desired subpage is sought and displayed.

Press the OK button.
The function is cancelled.

Doubling character size

Press the AUX button (dialogue line is displayed).

With the ◀ or ▶ button, select the ☰↑ symbol.

Repeatedly pressing the OK button doubles the character size in the following order:
Upper half of the picture,
lower half of the picture,
return to normal picture.

Reveal

This function can be used on certain teletext pages to reveal the solution of riddles, or for programming a video recorder via VPS times.

Press the AUX button (dialogue line appears).

With the ◀ or ▶ button, select the ☰? symbol.

Press the OK button.
The hidden information is revealed.

Press the OK button.
The reveal function is cancelled.

Watching television during teletext mode

Updating a page – Bypassing waiting times

Certain teletext pages are continually updated, for example, stock market reports, sports announcements, and the latest news.

If you want to watch television and stay informed at the same time, first select a page of your choice, then

press the AUX button (dialogue line is displayed).

With the ◀ or ▶ button, select the ☰X symbol.

Press the OK button.

The regular programme is still visible and the teletext symbol appears at the top of the screen.

If, for example, P143 appears in the info line, then

press the OK button.
The teletext page appears with the updated information.

This function can also be used to bypass waiting times while the teletext decoder searches for a page. When the page has been found, the indication P143, for example, appears in the info line.

Page catching,

This function allows you to select a page without entering the corresponding page number. Using the cursor, you can select specific teletext pages from the overview pages (pages designated with a three-place page number). You can use this function to dispense with entering the three-place number.

Press the P+ or P- buttons.

»Page Catching« appears in the upper part of the screen.
A highlighted square (cursor) blinks on the first or last page number of the overview.

Using the P+ or P- buttons, move the cursor to the desired page number.

Press the OK button.
The desired page appears on the screen.

Connection Capabilities and Operation

... of stereo headphones

Procedure:

Connect the headphones (3.5 mm ∅ jack) to socket ⑤. (The built-in speaker is switched off.)

Operation:

Adjust the volume with the ◀, ▶ buttons.
Adjustment is shown by means of a scale on the screen (provided that OSD ON).

... of a video recorder or camcorder

Procedure:

Connect the video recorder or camcorder with the correct connecting cable to the EURO-AV socket ⑦ (at the back of the set), or with an aerial cable (75Ω) to the aerial socket ⑥ (at the back of the set).

Example 1:

Video recorder or camcorder to Euro-AV socket ⑦.

Press the ⓪AV button to select the AV programme position.

Switch the video recorder to play.

On the screen you see the video output.

Example 2:

Video or camcorder to aerial socket ⑥.

Assign the designated playback channel of the video recorder (between 30 and 40) to any programme position on the television set.

If you do not know the playback channel of your video recorder, switch the video recorder to play and find it with the search function of the television set.

Adjusting the picture during video playback

If the picture is not clear, you can adjust it.
(See fine tuning the picture).

Video Recorder Remote Control

Your television's remote control also allows you to control a **video recorder**. Consult your dealer for models which offer this function.

To operate:

Keep the **VIDEO** button depressed.
This switches the remote control to video mode. Press the desired function button.

The following is a list of the buttons used to operate a video recorder:

◀◀ (Numeric button 1) = Picture search, reverse
▶▶ (Numeric button 2) = Picture search, forward
● (Button – ⊙) = Record start
■ (Button ⊙ +) = Stop
◀◀ (Numeric button 7) = Quick reverse
▶▶ (Numeric button 8) = Quick forward
II (Button – ☼) = Pause
▶ (Button ☼ +) = Play
▼ (Numeric button 4) = Channel position -
▲ (Numeric button 5) = Channel position+

Technical Data

Mains voltage:

220-240 V ~, 50/60 Hz
(Power supply control range 190 ... 264 V)

Power consumption:

approx. 65 W
In stand by approx. 5 W.

Reception range:

Channels 01 ... 69
Special channels S 01 ... S 41

Sound output:

8 W musical output (4 W sinus)

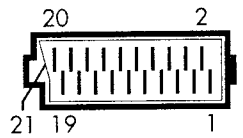
This unit conforms to VDE safety regulations and the directives of the Deutschen Bundespost (German Federal Post Office; see the certification mark on the type sticker on the rear of the unit), and also all relevant regulations concerning X-ray emission. The picture tube, which emits X-rays, is sufficiently shielded, and therefore represents no danger. Accelerating voltage is a max. 29 kV/with a mean beam current of 1.5 mA. This unit is equipped with an intrinsically safe cathode ray tube in accordance with Appendix III of the applicable X-ray regulations.

Unauthorized tampering with the unit, especially adjustments to the high voltage system or the installation of a dif- ferent type of picture tube, can considerably increase X-ray emission. Units altered in this way no longer conform to the operating permission conditions and may not be operated.

EURO-AV pin assignment ⑦

If you wish to connect additional appliances to your television (e.g. computer or amplifier), your dealer can provide you with a normed standard connection by referring to the following table:

Pin		Signal
1	=	Audio output, right
2	=	Audio input, right
3	=	Audio output, left
4	=	Audio earth
5	=	Blue earth
6	=	Audio input, left
7	=	RGB blue, input
8	=	Switching voltage
9	=	Green, earth
10	=	–
11	=	RGB green, input
12	=	–
13	=	Red earth
14	=	Earth
15	=	RGB red, input
16	=	RGB switching voltage
17	=	Video earth
18	=	RGB switching voltage, earth
19	=	Video output
20	=	Video input
21	=	Shielding/earth



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